



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the PATENT APPLICATION of:

Kim et al.

Application No.: 10/077,565**Confirmation No.:** 3991**Filed:** February 15, 2002For: SIMPLE BLOCK SPACE TIME
TRANSMIT DIVERSITY USING
MULTIPLE SPREADING CODES

Group: 2616

Examiner: Thai D. Hoang

Our File: I-2-0176.5US

Date: June 22, 2007

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56,
Applicants wish to bring to the Examiner's attention the material cited on the enclosed
Form PTO-1449.

The listed references include references previously cited in this application.

Newly cited documents are indicated by an asterisk (*) on the enclosed Form PTO-1449. Copies of the newly cited documents are enclosed. Pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the newly cited U.S. publications and/or patent documents have not been included.

This Information Disclosure Statement is being filed with the fee required by 37 C.F.R. § 1.17(p).

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the Form PTO-1449 indicating his consideration of the cited materials.

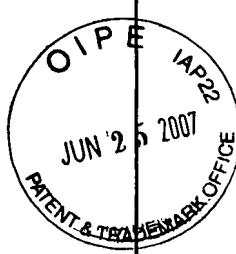
Respectfully submitted,

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TAM/ls
Enclosures (7)



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			ATTY. DOCKET NO. I-2-0176.5US		SERIAL NO. 10/077,565		
			APPLICANT Kim et al.				
			FILING DATE February 15, 2002		GROUP 2616		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,652,764	07/1997	Kanzaki et al.			
		6,115,406	05/2000	Mesecher et al.			
		6,564,645	05/2003	Nakano et al.			
*		6,594,473	07/2003	Dabak et al.			
		6,628,702	09/2003	Rowitch et al.			
		6,775,260	08/2004	Dabak et al.			
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		2002/0090038	07/2002	Dabak et al.			
		2002/0181430	12/2002	Thomas et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
		1182990	05/1998	CN			
*		0957604	11/1999	EP			
*		0993129	04/2000	EP			
*		0996234	04/2000	EP			
*		0105060	01/2001	WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Dabak, A.; Hosur, S.; Negi, R.; Space Time Block Coded Transmit Antenna Diversity Scheme For WCDMA, Wireless Communications and Networking Conference, 1999. WCNC. 1999, IEEE (September 1999), Vol. 3, pp. 1466-1469					
		Li Gang; Zhao Ming; Yao Yan; the Implement of Optimum Demodulator for STTD in WCDMA, Communication Technology Proceedings, 2000. WCC-ICCT 2000. International Conference on, (August 2000), Vol. 2, pp. 1534-1537					

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2003/0021352	01/2003	Benning			
		2003/0067993	04/2003	Viswanathan			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
*		0024133	04/2000	WO			
*		0064073	10/2000	WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Kocian, A.; Fleury, B.H.; Iterative Joint Symbol Detection and Channel Estimation for DS/CDMA Via the SAGE Algorithm, Personal, Indoor and Mobile Ratio Communications, 2000. PIMRC 2000. The 11th IEEE International Symposium on, IEEE (September 2000), Vol. 2, pp. 1410-1414					
		ETSI TS 125 224 V 3.4.0 (2000-09), Universal Mobile Telecommunications System (UMTS); Physical Layer Procedures (TDD) (3GPP TS 25.224 version 3.4.0 Release 1999)					
		ETSI TS 125 224 V4.2.0 (2001-09), Universal Mobile Telecommunications System (UMTS); Physical Layer Procedures (TDD) (3GPP TS 25.224 version 4.2.0 Release 4)					

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